



**CORAL  
TRIANGLE  
CENTER**

Inspiring People Saving Oceans

# FIRST QUARTER 2021 REPORT

CORAL TRIANGLE CENTER



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An underwater photograph of a coral reef. In the foreground, there is a dense field of branching coral. In the background, a diver is visible, swimming towards the left. The water is clear and blue.

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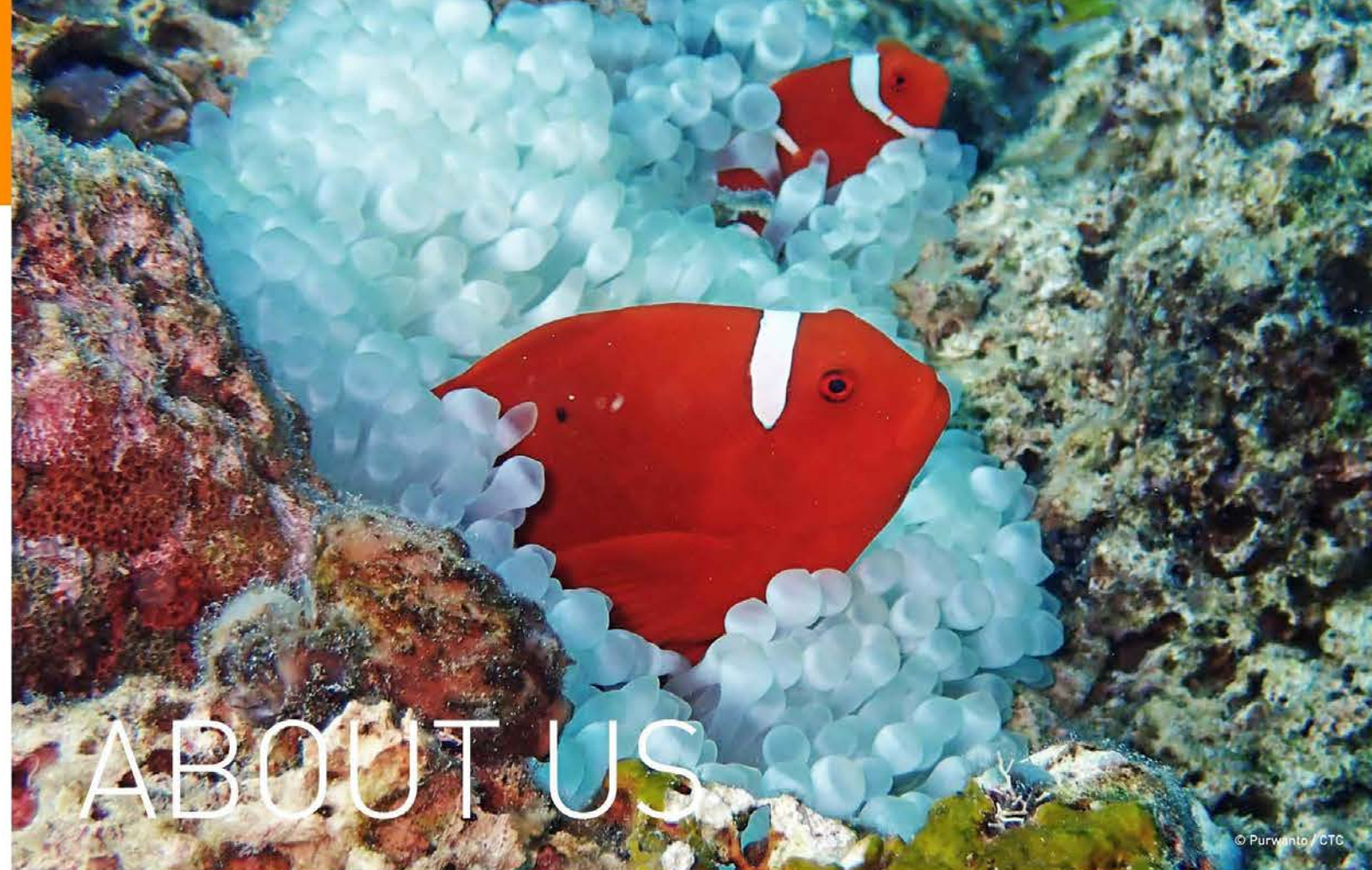
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## ABOUT US

### CORAL TRIANGLE CENTER

A center of excellence in tropical marine resource management:  
Building local leadership for long-term conservation in the Coral Triangle



Inspiring People Saving Oceans

### VISION

Healthy seas that enrich people and nature.

### MISSION

To inspire and train generations to care for coastal and marine ecosystems.

### VALUES

#### Excellence

In the quality of our teaching. In the performance and integrity of our staff.  
In our commitment to being a world-class center of tropical resources management.

#### Local Stewardship

Based in the heart of the Coral Triangle, we maintain strong roots in the field and close ties to stakeholders at all levels. We value traditional knowledge and practices, and promote local ownership of our projects.

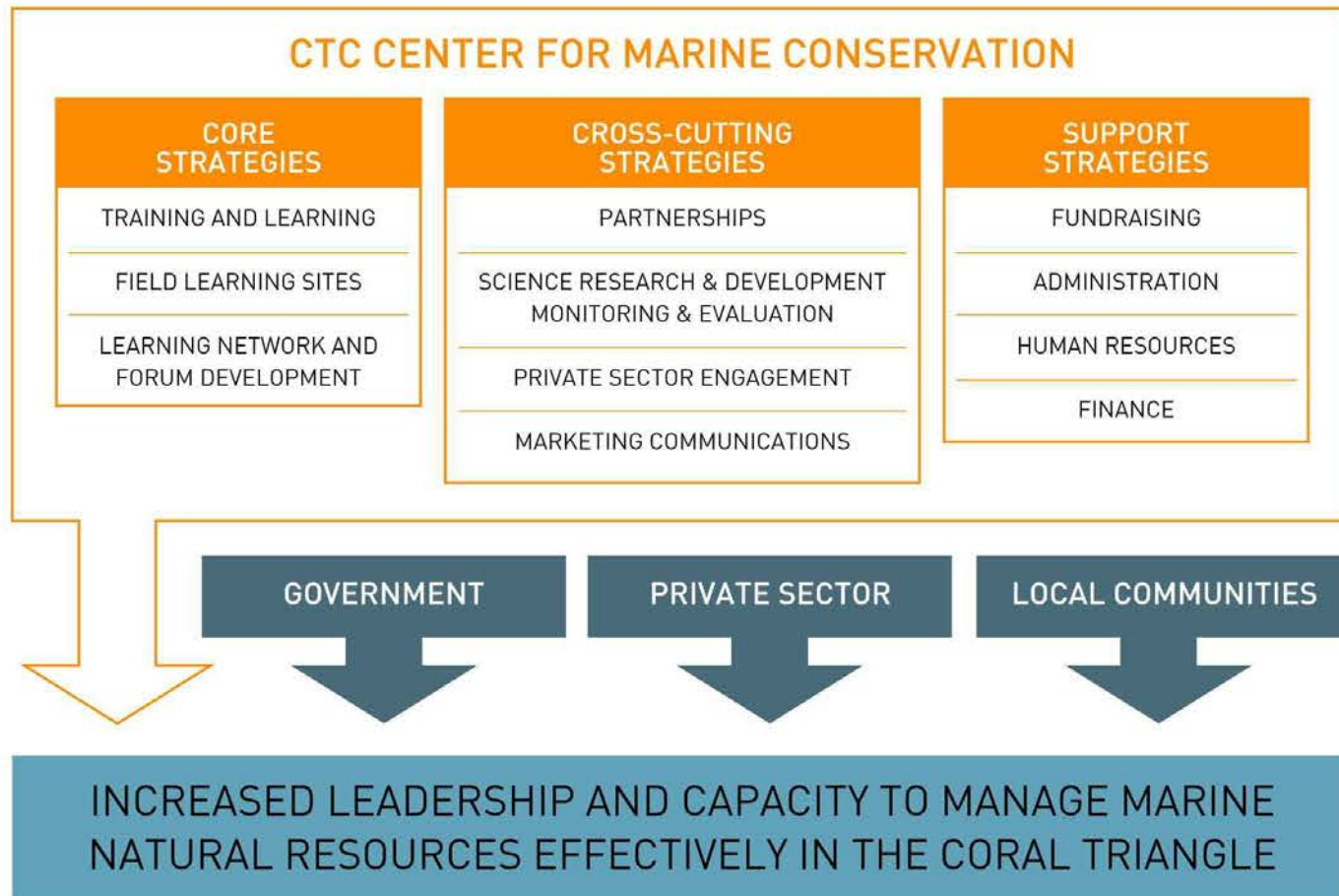
#### Collaboration

We build partnerships among leaders in government, communities, NGOs, education, and the private sector because only by engaging all constituencies can solutions be effective.

#### Result

We provide trusted information, are transparent in our actions, and hold ourselves accountable for the quality of our programs, changing our strategies as necessary and measuring our impact over time.

# CORAL TRIANGLE CENTER STRATEGIES



CTC is an official development partner of the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF) - a government-led initiative of the six countries of the Coral Triangle region namely Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor-Leste. CTC supports the CTI-CFF in cross-cutting activities such as capacity building, women empowerment, local government leadership, sustainable tourism and private sector engagement. CTC is also a member of the International World Conservation Union (IUCN) and the International Coral Reef Initiative (ICRI)

# FOREWORD

More than one year in the pandemic we are all adjusting to our new reality. Things have fundamentally changed in the way we do things. We have developed capacity within CTC to implement our programs online with less investments in travel, in-person meetings, workshops and conferences.

However, there is a growing fatigue among people to engage online. How can we as a team remain creative, innovative and reach new frontiers of success in the current knowledge economy? How can we better collect and process our data, generate and share knowledge effectively within CTC? How can we continue to effectively engage with partners and the wider public in this new reality?

By setting up more coordination calls across the programs and establishing CTC task forces assigned for specific topics, we are able to increase our synergy, performance and generate more impact. We are also building in more external peer reviews for all of our programs by reaching out to experts and resource persons. It is essential to 'combining depth of expertise with significant breadth of perspective' to make our programs and CTC as an organization more robust, meaningful and relevant. We also increasingly apply this approach of collaboration with our government and NGO partners at the national level and strategic partners for the Coral Triangle Initiative on Coral Reefs, Fisheries, and Food Security resulting in joint initiatives.

The pandemic has allowed us to focus internally and align our team to further transform CTC into a learning organization that is skilled in creating, processing, sharing knowledge and measuring impact. In this way, we can continuously learn and change ourselves to deliver CTC's mission in an ever-changing environment.



**Rili Djohani**  
Executive Director

# CAPACITY BUILDING AND CONSERVATION ON THE GROUND

## Strengthening Indonesia's Technical Capacity to Manager Marine Protecte Areas



The Indonesia Ministry of Marine Affairs and Fisheries (MMAF) in collaboration with CTC has published the document of "Needs Assessment and Roadmap for the Marine Protected Areas, Coastal, and Small Islands (KKP3K) Managers Capacity-building in Indonesia 2020-2024". The document provides identified appropriate strategies and solutions to meet the need for human resources to manage Marine Protected Areas (MPAs) in Indonesia for the next five years. Indonesia has targeted 32.5 million hectares of MPAs by 2030, of which 20 million hectares to be managed effectively. However, this is predictably not an easy task. The insufficient amount of competent field staff and poor management activities may result in the ineffective MPAs.

The Government of Indonesia, however, has developed the evaluation mechanism - or EKKP3K (recently changed into EVIKA) which specifically mentioned the number of basic training and competency needed by MPA staff. The budget for implementing a series of capacity-building commitments will be sourced from the national budget (APBN) or grants (including for the competence certification by the National Professional Certification Authority/PSKK BNSP and Coremap Coral Triangle Initiative). Moreover, the Indonesian Ministry of Finance, together with the Coordination Ministry of Maritime Affairs and Investment, local provincial governments and other regional administrations and governmental institutions have also pledged to support the MPA capacity-building roadmap for the next five years.



## Surviving the Pandemic through Seaweed Farming in Nusa Penida MPA

Since 2020, the Covid-19 pandemic has hit hard the tourism and hospitality sectors in Bali, causing local economy to free fall. With many hotels, restaurants, and tour operators are forced to shut their business down, most Balinese - including those who live in the Nusa Penida Marine Protected Area (MPA) have lost their main source of income. In the moment of struggle, some local communities in the Nusa Penida MPA, however, have demonstrated resiliency by shifting their livelihood from marine tourism to seaweed farming. In Nusa Lembongan - one of three islands in the Nusa Penida MPA, there are some locals that have initiated the seaweed farming. I Komang Soma, a former dive operator staff who has been working as a seaweed farmer since last year, said that although the price of dried seaweed is fluctuate, ranging between IDR 13,000 to 15,000 (USD 0.92 to 1.06) per kilogram, it can help his family survive amid this unprecedented time of pandemic. A farmer can earn as much as IDR 1 million (IDR 70.16) from collecting dried seaweed once every 45 days from an acre of the cultivation area. Generally, each seaweed farmer in Nusa Lembongan can own 5 to 10 acres of seaweed farmland. Thus, the average income for each farmer can range between IDR 3 to 6 million (USD 210.49 to 420.99) per month. Seaweed can also be processed further into various end products such as soaps, cakes, crackers, ice creams, etc.

Unfortunately, some seaweed plantation suffered some diseases, resulting in the decrease of the harvest amount these past months. The cause of these diseases is still unknown, but they are presumably some sort of bacterial or algae infections which are common to happen during the transition from rainy season to dry. CTC aims to further support the seaweed farmers with growing and processing technology in the coming year as part of its upcoming project.



## Implementing EVIKA: A Refined Evaluation Tool for MPAs in Indonesia

Starting this year, the Ministry of Maritime Affairs and Fisheries (MMAF) will introduce a new evaluation tool for the management effectiveness of marine conservation area, or EVIKA. This is to amend the previous evaluation system for the management effectiveness of marine, coastal, and small islands conservation areas (EKKP3K), which is no longer relevant due to some flaws. CTC is involved in preparing the curriculum and module for EVIKA training for the marine protected area (MPA) personnel in collaboration with the Directorate of Marine Conservation and Biodiversity (KKHL) of MMAF and the Wildlife Conservation Society (WCS).

The official use of EVIKA was stated in the Decree of the Director General of Marine Spatial Planning (DJPRL) No. 28 of 2020. This revised system served as an outcome of a series of study and discussions on the improvement of the EKKP3K system as regulated in the Decree of the Director General of Marine, Coastal and Small Islands Conservation Areas (KP3K) No. 44 of 2012. The EKKP3K evaluation system has a few weaknesses and is considered as no longer relevant in responding to the complex needs set out in the MPA Vision 2020-2024 Roadmap document. Some of EKKP3K weaknesses that have been identified include the inability to respond to the actual needs in the field and to identify roles and assess responsibilities of related stakeholders in managing the MPA. In addition, the EKKP3K method still assesses evaluation by building block, meaning that it is unable to provide detailed results. The MPA management evaluation process, on the other hand, does not refer to the management and zoning plan (RPZ) agreed by the community, local government, and other relevant stakeholders of the respective MPA.



The color-based ranking system in the EKKP3K was also revised into four main criteria in the new EVIKA system namely input, process, output, and outcome. This simplification brings impact on the smaller number of questions for each criterion, ranging between 8 to 13 questions only. However, all these questions have already covered 24 essential indicators of the MPA management effectiveness, which indicate that the new tool does not lose its ability to evaluate the MPA management in detail.

Currently, CTC with the WCS and the KKHL of MMAF are still developing the curriculum and module of EVIKA training to be delivered among MPA managers and personnel soon. In addition, CTC will also test the EVIKA assessment towards Sula Islands MPA with the MAF Agency of North Maluku Province to get familiarized with the system and to review it comprehensively. Through these activities, CTC can hopefully make its contribution to the better management of MPAs in Indonesia.

## Building Capacity to Support the Snapper-Grouper Fisheries Improvement Program

The Banda Sea in the Maluku Islands of Indonesia, connected to the Pacific Ocean, has rich fishery potential, specifically for coastal demersal fish like snapper and grouper. To optimize the pivotal role of local stakeholders in ensuring sustainable snapper-grouper fisheries practices in the Banda Sea, CTC and the Marine Stewardship Council (MSC) conducted an online training about fisheries standards. Current study shows that Indonesia has consistently contributed to the world's snapper fisheries, at around 45% of the total volume of snapper traded worldwide. Indonesia also ranked second as the world's grouper producer in 2018 with an export volume of 6,794 tons. For this reason, the Ministry of Marine Affairs and Fisheries (MMAF) of the Republic of Indonesia has issued a harvest strategy document for snapper and grouper fisheries as the main reference for national responsible fishing practices and sustainable fish management in the Indonesian Fisheries Management Areas (FMAs) in March 2020.

The MSC Level 1 capacity-building training was held on 09-10 March 2021 and attended by participants from various backgrounds such as fishermen, academics, and local non-governmental organizations in three provinces of Jakarta, Bali, and Maluku. During the two-day training, all participants received materials on the principles of the MSC fisheries standard and Chain of Custody (CoC) standard, and they carried out some online collaborative exercises and discussions.

"The MSC Level-1 capacity-building training is very useful for local fishermen like us because it brings new information and knowledge about world-wide fisheries standards. We hope that fisheries in the Banda Sea can apply these standards and be officially certified. Therefore, all fishermen can have market certainty and increase the selling value of the fish for improved social welfare," said Hamen Minggu, a fisherman from Rhun Island, after the training.

Through this training, it is hoped that all fisheries stakeholders in the Banda Sea can be more familiar with various MSC standards and have a deeper understanding about the importance of the standards to support the snapper-grouper fisheries improvement program (FIP) in Indonesia. Through the FIP, snapper and grouper fisheries can continue to be sustainably maintained as national commodities and be utilized with full responsibility. The capture fisheries sector is worth more attention as has been one of the sectors that has supported the resilience of coastal communities during the COVID-19 pandemic.



# LEARNING NETWORKS AND PARTNERSHIPS

## CTC Renews MOU with Indonesia's Ministry of Marine Affairs and Fisheries



During this period, CTC has extended its memorandum of understanding (MoU) with the Ministry of Maritime Affairs and Fisheries (MMAF) of the Republic of Indonesia for the next five years. By signing the agreement, CTC is committed to continue supporting the Government of Indonesia in strengthening the management of marine protected areas (MPAs) and sustainable fisheries, as well as building personnel and institutional capacity. The MoU signing was carried out by the Executive Director of CTC Rili Djohani and the Secretary General of the MMAF of the Republic of Indonesia Antam Novambar on December 21, 2020.

There are at least five kinds of support mentioned in the document as part of CTC's commitment to the MMAF, namely the support for the Coral Triangle Initiatives on Coral Reefs, Fisheries, and Food Security (CTI-CFF) in Indonesia and the establishment and management of effective MPAs and MPA networks.

In addition, CTC will also support the capacity-building of key stakeholders involved in the establishment and management of MPAs, the capacity-building of the field fisheries extension officers regarding marine conservation and sustainable fisheries management, and the capacity-building of Fisheries Management Institutions in the Indonesian Fisheries Management Areas (LPP WPPNRI). To ensure that this partnership will be carried out well, both CTC and MMAF have also agreed on having regular monitoring and evaluation activities for at least once every year. CTC will follow up the MoU signing by creating detailed joint agreements with the Directorate General of Marine Spatial Planning (Ditjen PRL), the Bureau of Research and Human Resources (BRSDM), and the Directorate General of Capture Fisheries (Ditjen PT) of the MMAF. Moreover, various discussions and meetings on these agreements have been conducted online since the end of January 2021. Through the collaborations, CTC is expected to make more contribution to the coastal and marine protection, as well as to the sea biodiversity in Indonesia.



## ICRI Goes Online

CTC Executive Director Rili Djohani and Science Coordinator Kitty Currier attended the inaugural online General Meeting of the International Coral Reef Initiative (ICRI). As an informal partnership between countries and organizations, ICRI advocates best management practices for coral reefs and associated ecosystems, capacity building, and raising awareness to threats facing reefs. CTC was formally accepted for ICRI membership during the 33rd General Meeting, held in Monaco in 2018. This year's meeting, first time to be held online, drew around 130 participants from about 60 member institutions. During the meeting, three resolutions were adopted to extend ad hoc committees, including the ICRI Ad Hoc Committee on Resilience-based Management, the ICRI Ad Hoc Committee on coral reef restoration and adaptation research and development, and the ICRI Ad Hoc Committee on the inclusion of a coral reef-related target in the Post-2020 Global Biodiversity Framework. Despite the difference in format, the meeting provided the same opportunity for member reports, featuring a treasure trove of publications, websites and other resources relevant to the coral reef enthusiast's toolbox.



## CTC Leads Regional and National Consultations for the Proposed Arafura and Timor Seas (ATS) MPA Network and Sea Turtle Action Plan



The ecosystems of the Arafura and Timor Seas (ATS) play an important ecological and economic role for the countries bordering its waters, which include Indonesia, Timor-Leste, Papua New Guinea and Australia. Thus, collaboration is urgently needed to ensure their protection. In March 2021, CTC, in partnership with the ATSEA-2 Regional Project Management Unit and Yayasan Konservasi Alam Indonesia (YKAN), led a series of national and regional consultations for a proposed a new road map for a marine protected area (MPA) network and an action plan for sea turtle protection, which are envisioned to facilitate regional collaboration in managing coastal and marine resources in the ATS.

Since 2020, CTC has been working with YKAN on the development of a MPA network design for the ATS by conducting a gap analysis and using the best available science, data and MPA design practices to identify potential gaps in the MPA network in the region. To do this, the team sought advice from the four national governments to help guide the process by providing advice on their priorities and interests, and providing relevant spatial data. The resulting MPA network design includes existing and proposed MPAs and identifies areas of interest for establishing new or expanded MPAs to fill gaps in the existing regional MPA network, for consideration by the relevant countries, species, incorporating connectivity and adapting to climate change.

CTC has also been working with sea turtle expert Dr. Nicholas Pilcher to develop a regional sea turtle action plan to protect priority coastal and marine habitats and conserve protected species in the ATS. For the sea turtle action plan, data analysis and consultations with scientists from each country was undertaken. Following this, an eight-point action plan was developed that can be implemented in a five-year period. The action plan proposes key actions such as strengthening indigenous community management, assessing and mitigating bycatch, preventing discarded fishing gear, conducting baseline assessments of nesting sites, take and key locations, and the development of a funding strategy.

In developing these important documents, we have prioritized identifying and analyzing the best and most up-to-date data available. However, the draft documents need input, validation and confirmation from ATS countries to ensure that they are valid and comprehensive, and they need validation and input from key stakeholders across the ATS countries. The involvement of each country is important in the planning, implementation and monitoring evaluation processes to ensure that each country's interests, plans and targets in their coastal and marine area are well addressed and represented.

## Developing a Collaborative Campaign to Promote Sustainable Blue Swimming Crab Fisheries in Indonesia

Building on our work to promote sustainable fisheries in Indonesia, CTC organized a collaborative online workshop entitled "Formulating Narratives for Sustainable BSC Fisheries for Media" with some of our key government, non-government and industry partners.

The workshop, held on March 22-23, 2021, is the first of a series of activities to develop a new program called Rajungan untuk Masyarakat Sejahtera (JUARA), a media campaign that highlights the role of fisheries as a renewable natural resource that can provide considerable benefits to the country's prosperity with the correct management and enabling policy in place. The campaign also aims to create pride amongst local governments who have successfully supported sustainable fisheries in their area in an effort to influence others to do the same.

The workshop was attended by 17 participants from local government of Lampung Province, industry representatives such as APRI and non-governmental organizations such as the Environmental Defense Fund and Starling Resources, that have been working specifically on BSC fishery issues.

The result of the workshop will further support the JUARA media campaign strategy document, which is still being prepared by CTC. For next activities, CTC plans to hold a training for journalists at the local level in Lampung Province and at national level in Jakarta. Through the mainstreaming of sustainable BSC fishery narratives in the media, it is hoped that the wider community and related stakeholders will be more aware and concerned about the socioeconomic values of the BSC, law enforcement and marine ecosystem protection to maintain the stability of BSC stocks in nature.



## New Project Aims to Strengthen Protection of Nusa Penida MPA's Marine Biodiversity and Boost Local Livelihoods

CTC is embarking on a new collaborative project in the Nusa Penida MPA called the "Coral Reef Rehabilitation and Management Program - Coral Triangle Initiative (COREMAP-CTI). The project is funded by the Asian Development Bank (ADB), Indonesia Climate Change Trust Fund (ICCTF), Ministry of National Development Planning/National Development Planning Agency (Kemen PPN/Bappenas) and will be implemented in partnership with the Bali Province Government and the Klungkung District Government. The project will run from April 2021 until September 2022. The kick-off event of the COREMAP-CTI project was held at the Ritz-Carlton Hotel in Nusa Dua, Bali, on March 29, 2021.



The overarching goal of the project is to assist the Nusa Penida MPA Management Unit to achieve an 80% blue level of the management effectiveness framework (EKKP3K - recently revised into EVIKA as the new evaluation tool). Improvement of the management effectiveness status will be pursued through the development of ecosystem-based resources management and the promotion of sustainable marine livelihoods. There will be three main activities covered by the project. First is the Coral Reef and Mangrove Rehabilitation (CRMR), which supports a cost-benefit analysis and valuation of ecosystem services on ecosystem rehabilitation. The CRMR is intended to restore and rehabilitate at least 20% of the degraded mangrove areas and 5% of degraded coral reef areas through appropriate reef restoration and rehabilitation methods.



Second, the project will provide essential capacity-building and support to local community groups such as the surveillance group to improve compliance with the MPA zoning regulations and the local seaweed farmers group to improve cultivation and marketing of small-scale seaweed production to support local livelihoods. Lastly, the project will implement an eco-tourism scheme and establish related infrastructure to further boost community-based mangrove tourism activities.

Finally, the project also aims to raise community awareness through various public campaigns on MPA law enforcement, marine conservation areas, and endangered, threatened and protected species in the Nusa Penida MPA.



## OUTREACH ACTIVITIES

### Online Teacher Training Workshop Pilot Program with Ludenara



Creative teaching methods are an important aspect of learning. CTC, in collaboration with Ludere Nusantara (Ludenara) facilitated an online teacher training focusing on sharing methods on how to teach marine conservation knowledge in a fun way! The online teacher training was a series event during the month of February 2021. On February 6th, 2021 we conducted a webinar intro for our online teacher training. The webinar intro was participated by 80 participants from all over Indonesia. During this webinar, both CTC and Ludenara shared some exciting approaches that teachers and trainers can use to spread marine conservation messages during class/training.

The training was extended on 21st - 22nd February 2021. This two-day online teacher training was a more exclusive training and it was participated by 12 participants, ranging from teachers and marine conservation trainers. Collaborating with Ludenara, we shared some solutions to the challenges of engaging children to learn things outside formal education such as marine conservation. The training provides exciting marine conservation lessons and the implementation of game-based learning methods in marine conservation training.



### CTC Joins Bali's Biggest Clean-Up 2021: Building Collaborative Movement for Our Ocean in the New Normal Era



On February 21, 2021, CTC coordinated its first ever beach clean-up during the pandemic as a part of One Island One Voice campaign and to mark Indonesia's National Day of Waste Awareness. We collaborated with Fairmont Sanur, Sustainable Suzy, and Banjar Semawang to clean up Semawang Beach. Bali's Biggest Clean-up this year, had 300 clean-up sites with more than 7,000 participants. Due to the pandemic, we limited the participant to only 25 people and implemented a high standard of Covid-19 health protocol by wearing a mask and keeping the distance of 1 meter apart.

Started at 7 am with only one hour to 8 am, we had collected approximately 30 kgs of trash composed of around 25% plastic bags, 20% plastic bottles, 5% fishing net, and the rest of 50% are made of various waste such as cans, plastic straw, cigarette butt, and styrofoam. One of the participants of the clean-up activity, highlighted the importance of collaboration in the pandemic situation to acknowledge nature as a part of the strategy to rebuild Bali ahead. With her strong message, we do also hope this little contribution will help to spread the awareness of reducing plastic waste as one of the ways to protect our ocean and coastal areas.



## Sustainable Tourism Efforts Continue Despite Pandemic

Despite being badly hit by the pandemic, dive operators in Bali remain steadfast and highly committed to marine conservation. One of these dive operators is Aquamarine Diving Bali who completed their Green Fins assessment on February 14, 2021. CTC conducted the Green Fins assessment with strict Covid-19 protocols such as using masks, practicing social distancing, limiting the number of guests on the boat, and ensuring that each guest uses one set of equipment that is cleaned and properly disinfected. Guests were also required to handle their own equipment during the entire diving trip and bring their own water bottle and eating utensils. Apart from applying Green Fins standards in their diving activities, Aquamarine staff are also actively involved in beach clean-ups and underwater clean-up activities recording and monitoring marine life at their dive spots, and ensuring that they have proper waste management. CTC team noted a few key points that need to be improved and conducted an assessment briefing for the staff on how to implement these changes. This is already the 3rd Green Fins assessment for Aquamarine and as the result, their scores have greatly improved from the last two years.



## Celebrating a Sustainable Wedding with CTC's Adopt-a-Coral Program



Kirana Agustina & Nanda Asridian Noor met at World Resources Institute Indonesia, but it's the ocean that brought them together. It was never expected that Nanda's first contact with Kirana through an email with warm virtual handshake during a Coral Triangle Regional Forum in Bali, in January 2014, would grow into love seven years later, after crossing oceans to five continents. This is why they decided to begin their voyage by adopting corals.

On April 3, 2021, the couple tied the knot and invited all their guests to adopt a coral on their behalf. In collaboration with CTC, they provided an opportunity for their friends and family to give them a sustainable wedding gift while contributing to Mother Earth by adopting a baby coral. The donations that were made from their friends and family will go to CTC's Adopt-a-Coral program that supports coral reef rehabilitation in the Nusa Penida Marine Protected Area.

"We know that even though it is now a pandemic situation, we can still do something for the local community and the environment. There is a phrase we like which is "love in the time of corona." We can also spread the love not only for ourselves but also for our environment. We are trying to do that, and hopefully, what we do can inspire other couples," said Nanda.



# CENTER FOR MARINE CONSERVATION

## Center for Marine Conservation Exhibition Hall Construction

During this period, we continued with the construction Phase 4 of the Center for Marine Construction which includes the exhibition hall as well as offices and a multimedia studio on the second floor. The tender process was held in December 2020 and proceeded with the price negotiation of the shortlisted civil and MEP (mechanical, engineering, plumbing) contractors in January 2021. The winners are CV. Surya Indra for a civil contractor and CV. Nata Karya Persada for MEP contractor. The MEP contractor is the same as our previous MEP contractor for the Phase 3 construction. Both contractors are also recommended by our consultants. The contract was signed in January 2021 and the project started in the middle of January 2021. The construction is progressing well and fits with the timeline of our overall construction project funded by MACP that ended in November 2021. We plan to spend the remaining fund from this donor for the final phase of construction as per the approved budget.



## Greening the Center for Marine Conservation



With the envisioned completion of all facilities this year at the Center for Marine Conservation, CTC aims to start some permaculture and hydroponic initiatives and strive to become a zero-waste facility. As part of these efforts, specific CTC staffs from various departments have formed task force to help implement these initiatives during this period. CTC has partnered with Emas Hitam foundation, a grassroots permaculture NGO based in Ubud which organizes regular introductory garden days to learn more about permaculture. Key CTC staff have also been assigned to develop the waste management system building on our partnership with the local Banjar and Bali-based recycling company Eco-Bali. We also plan to start collecting and send the waste materials to their re-cycling centers and conduct some composting trials in support of our gardening activities. All these activities provide an opportunity for our CTC team, volunteers, friends and visitors to join and learn more about permaculture and waste management at the Center. In this way, we will also further promote our eco-friendly training and learning facility in Sanur and lead by example. Customer Experience



# INSTITUTIONAL DEVELOPMENT

## CTC Moves to a New Office in Ambon



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Since March 08, 2021, we have relocated our office in Ambon, Maluku. Occupying a new, safer and more spacious building, our new office is located at Jl. Puncak Bogor, Amantelu Village, Sirimau Subdistrict, Karang Panjang, Ambon City. The overall office relocation process has gone fast and smoothly with the help of our two extraordinary local staff, namely the Banda MPA Coordinator Sukron Alfi Rintiantoto and the Project Administrative Assistant Ursula Virginia Tuhuteru.

Previously, CTC occupied a rented office space at the Amans Inn Hotel in Ambon (2018-2020) and Ambon Fisheries Education and Training Center (BPPP) in Poka, Rumah Tiga Subdistrict (2016-2018). Our effort to maintain our branch office in Ambon reflects CTC's strong commitment and dedication to support on-the-ground marine conservation and capacity-building activities for MPA personnel and other relevant key stakeholders in eastern Indonesia. To date, CTC has supported the establishment of four MPAs, namely the Ay-Rhun Islands MPA, Lease Islands MPA and the Buano Islands MPA in Maluku Province, and the Sula Islands MPA in North Maluku Province. In addition, CTC also supports several sustainable fisheries programs, such as building a sustainable seafood industry to support coastal communities in the Arafura Sea (known as SeaNet Indonesia) from 2018-2019 and the Fishery Improvement Project for snapper-grouper fisheries in the Banda Sea with the Marine Stewardship Council since 2020.

## New Team Members



### I Made Cahya Narayana, *Junior Communications Officer*

Nara joined CTC as Junior Communications Officer in February 2021 where he is responsible for CTC's multimedia communication products both for internal external audiences. He graduated from Udayana University Bali in 2020, majoring in Tourism and Travel Industry with expertise in Tourism and Sustainability Studies. Prior to joining CTC, he joined Green School Bali as a Green Educator Course Intern. He was also the co-founder of an environmental education organization called Segara Budaya. In 2019 Nara was awarded "Young Leaders for Indonesia" Leadership Scholarship by McKinsey & Co Indonesia and CIMB Young ASEAN Leaders Initiative Award by CIMB Foundation. He is a proud member of Purna Caraka Muda Indonesia Provinsi Bali, Paguyuban Duta Bahasa Provinsi Bali and Young Southeast Asia Leaders Initiative (YSEALI).



### Wienda Justitita Ardiyani, *Fisheries Training Specialist*

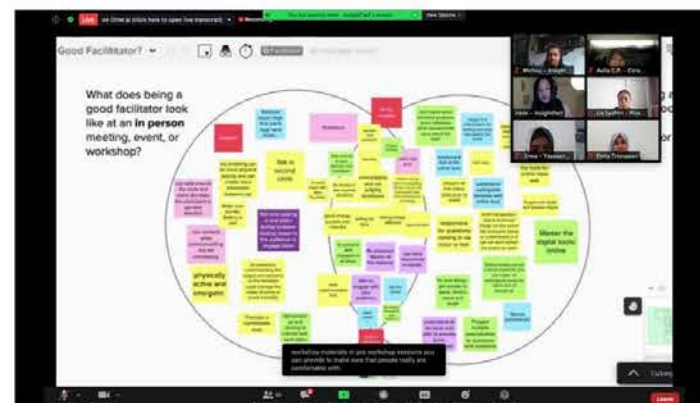
Wienda joined in CTC in 2021 as a Fisheries Training Specialist where she is responsible for developing sustainable fisheries training activities such developing a training plan, writing training modules, and other supporting materials. Wienda holds a Bachelor's Degree from IPB University majoring in Fisheries Resource Utilization. During her undergraduate studies, she took the role as an assistant in several subjects and was also active in the diving club that later enabled her to participate in the Zooxanthellae Expeditions in Paloh, West Kalimantan, and Sabu Raijua, East Nusa Tenggara. Before continuing her studies, she joined TNC's internship program for Marine Field Data Management. She then completed her Master's Degree in Marine Fisheries Technology from IPB University on an LPDP Scholarship. Prior to CTC, she worked with the ATSEA-2 Project wherein was responsible for developing a fisheries management plan for FMA 718.

## Internal and External Professional Development

During this period, CTC staff attended capacity building and training sessions organized by CTC's key partners to improve our capacity to deliver our work. Some of these trainings were organized by the David and Lucille Packard Foundation such as the following: Crafting Meaningful Online Meetings & Workshops; Training on Digital Fundraising; and Crafting a Financial Strategy. To further improve our work on marine protected areas, our team also attended a training on the new MPA Management Effectiveness tool in Indonesia called EVIKA as well as the Allen Coral Atlas Training for Explorers in the Asia Pacific.

To strengthen our science interpretation skills, several staff attended the Interpretive Training organized as part of our partnership with the Seattle Aquarium. To support our plan to implement a waste management and a composting system in our Center for Marine Conservation, some of our staff attended a permaculture training at Yayasan Emas Hitam Indonesia in Ubud, while another staff member joined the training on waste management organized by Coordinating Ministry for Maritime Affairs and Investment.

Our HR team also attended two key trainings pertaining to our medical insurance policies as well as the Covid-19 vaccination program training organized by the Ministry of Tourism and Creative Economy and the Bali Tourism Board.



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# COLLABORATION

## National Governments in the Asia Pacific Region

01. Coral Triangle Initiative for Coral Reefs, Fisheries and Food Security (CTI-CFF) Regional Secretariat and National Coordinating Committees
02. Ministry of Agriculture and Fisheries, Timor-Leste
03. Center for South China Studies of Ministry Foreign Affairs
04. Department of Marine Parks, Malaysia
05. Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

## Ministry of Marine Affairs and Fisheries (MMAF) of the Government of Indonesia

01. MMAF Human Resources & Community Development Agency (BPSDM-KP)
02. MMAF DG KP3K, Directorate KKJI
03. MMAF Directorate Marine Biodiversity Conservation Area (KKHL)\*
04. MMAF Fisheries Training Center in Banyuwangi
05. MMAF Fisheries Training Center in Tegal
06. MMAF Fisheries Training Center in Ambon
07. MMAF BPSPL Denpasar
08. MMAF Balai Kawasan Konservasi Perairan Nasional (BKKN) Kupang
09. MMAF Pengawas Sumberdaya Kelautan Pos Banda

## Provincial Governments and Agencies

01. Bali Provincial Government (Dinas Kelautan dan Perikanan)
02. NTT Provincial Government (Dewan Kawasan Konservasi Perairan Nasional - DKKPN)
03. Maluku Provincial Government (Bappeda and Dinas Kelautan dan Perikanan)
04. Klungkung District Government (Bupati, Bappeda, Dinas Peternakan- Perikanan dan Kelautan, Dinas Pariwisata)
05. Klungkung Regency Government (Pemerintah Klungkung)
06. Central Maluku District Government (District Planning and Marine-Fisheries Office)
07. Seram Timur District Government (Dinas Kelautan dan Perikanan)
08. Certification Institute for Marine Core Competencies - LSPK (Lembaga Sertifikasi Profesi Kelautan)
09. Pusat Pelatihan Mandiri Kelautan dan Perikanan (P2MKP)
10. Balai Teknologi Industri Kreatif Keramik (BBPT-BTIKK)
11. Balai Pengelolaan Hutan Mangrove Wilayah I

## Non Government Organizations

01. International Coral Reef Initiative (ICRI)
02. Global Sustainable Tourism Council (GSTC)
03. International Union for Conservation of Nature (IUCN)
04. The Nature Conservancy (TNC)
05. World Wildlife Fund (WWF)
06. Conservation International (CI)
07. RARE Conservation
08. Conservation Strategic Fund (CSF)
09. Pusat Pendidikan Lingkungan Hidup (PPLH) Bali
10. Yayasan Bahtera Nusantara - Bali
11. Yayasan Nusa Wisata, Nusa Penida
12. Friends of National Park Foundation - Nusa Penida
13. Yayasan Warisan Budaya Banda Naira - Kepulauan Banda
14. Aquatic Alliance Foundation
15. Yayasan Masyarakat dan Perikanan Indonesia (MDPI)
16. Mission Blue
17. Plastic Pollution Coalition
18. Reef Word Foundation
19. Environmental Defense Fund (EDF)
20. Starling Resources
21. Oceanic Society
22. Lembaga Partisipasi Pembangunan Masyarakat (LPPM)
23. eL SiL Kie Raha
24. Yayasan Baileo
25. Role Foundation
26. Australian Volunteers International (AVI)
27. Studio Gelombang
28. Seattle Aquarium
29. Mars Sustainable Solutions

## Academic Institutions

01. Australian Tropical Marine Alliance (ATMA)
02. Murdoch University - Australia
03. Georgia University - USA
04. Wageningen University - Netherlands
05. Western University of Australia
06. Victoria Shanghai Academy - Hongkong
07. Indonesian Institute for Science - LIPI
08. Institut Pertanian Bogor - IPB
09. Brawijaya University - UNIBRAW
10. Udayana University - UNUD
11. Hasanudin University - UNHAS
12. Diponegoro University - UNDIP
13. Pattimura University - UNPATTI
14. University Warmadewa in Bali
15. Sekolah Tinggi Perikanan - STP
16. Universitas Pendidikan Ganesha Singaraja - UNDIKSA
17. University of Khairun
18. Sekolah Tinggi Perikanan Hatta Syahrir
19. University of Darussalam

## Private/Corporates/Agencies

01. World Ocean Council
02. Young Presidents Organization
03. National Geographic Society
04. Asian Geographic Magazines Pte Ltd
05. The Body Shop Indonesia
06. Jenggala
07. Grand Luley Resort
08. Kummara
09. GummyBox
10. OceanBellz
11. PADI
12. Hotels in Bali (Hard Rock Hotel Bali, Fairmont, Mercure, Sudamala, Prama, Sanur Paradise, Tandjung Sari)
13. Dive Operators Community Komodo (DOCK)
14. GAHAWISRI Bali
15. GAHAWISRI Maluku
16. Smiling Tours
17. Buffalo Tours
18. Tierra Mar
19. Sustainable Solutions
20. Studio JvG

## Bali and Nusa Penida

01. Lembongan Marine Association
02. Nusa Lembongan World Diving
03. Lembongan Dive Center
04. Lembongan Dive Operator Association
05. Blue Corner Dive Center
06. Big Fish Dive Center
07. Two Fish Dive Center
08. Bali Hai Cruise
09. Crystal Dive Center
10. All4diving
11. Ena Dive Center Marine Adventures
12. LivingSeas
13. Bali Diving Academy
14. Ceningan Divers Resort
15. Reef Seen Resort

## Maluku and North Maluku

01. Blue Motion Dive Center
02. Mahu Lodge
03. Pari Dive

## Community Based Organizations (CBOs)

### Bali & Nusa Penida

01. Satya Posana Nusa
02. Celagi Buana Putra
03. Majelis Alit
04. Forum Krama Muda
05. Mangrove Tour Jungut Batu
06. Forum Petani Rumput Laut
07. Forum Nelayan
08. Karang Taruna Sanur Kajah
09. Yayasan Pembangunan Sanur
10. Kelompok Nuansa Pulau

### Banda

01. Kelompok Konservasi Masyarakat Pulau Ay
02. Kelompok Konservasi Masyarakat Pulau Rhun
03. Kelompok Konservasi Masyarakat Pulau Hatta
04. Kelompok Kreatif Anak Banda (KKAB)

### Lease, Sula and Buano Islands

01. Moluccas Coastal Care (MCC)
02. Happy Green Islands (HGI)
03. Klasis Gereja Protestan Maluku
04. DPD Komite Nasional Pemuda Indonesia (KNPI)

## Donors

01. SymAsia Foundation
02. Rainbow Foundation
03. David and Lucile Packard
04. Margaret A. Cargill Philanthropies
05. Walton Family Foundation
06. Critical Ecosystems Partnership Fund (CEPF)
07. Waterloo Foundation
08. National Geographic
09. Hard Rock Hotel Bali
10. USAID Sustainable Ecosystems Advanced (SEA) Project
11. USDOl (United States Department of Interior)
12. Australian Government (Department of Environment & Energy)
13. AusAid (Australian Consulate-General Bali)
14. UN Environment Programme
15. Arafura and Timor Seas Ecosystem Approach (ATSEA)
16. Bloomberg Philanthropies



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